FIG. 1

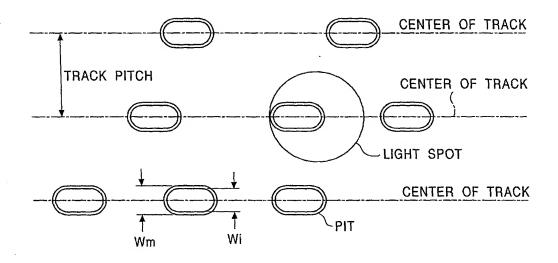


FIG. 2

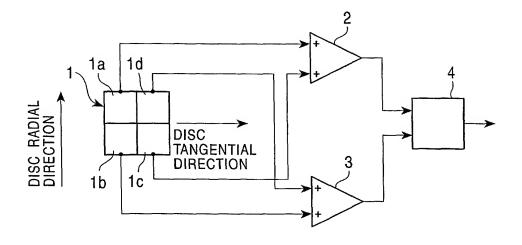
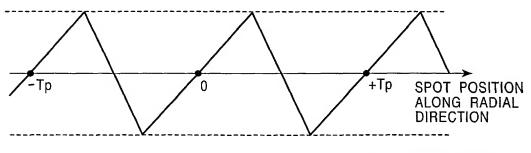


FIG. 3



 T_p : TRACK PITCH

FIG. 4A

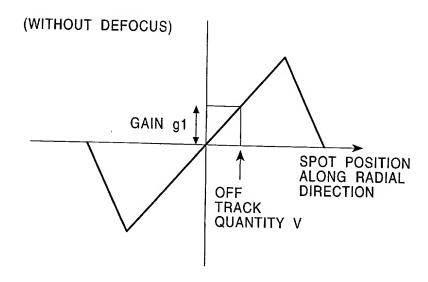
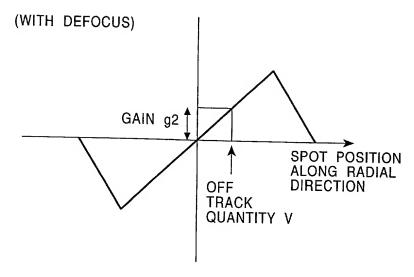


FIG. 4B



GAIN FLUCTUATION (dB) = 20 Log (g2/g1)

FIG. 5

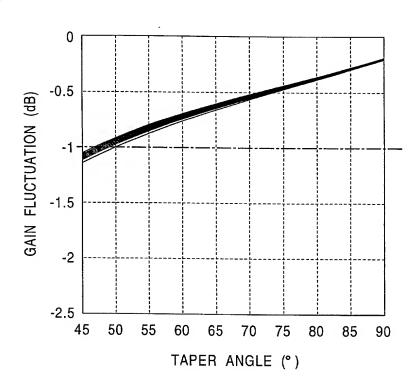


FIG. 6

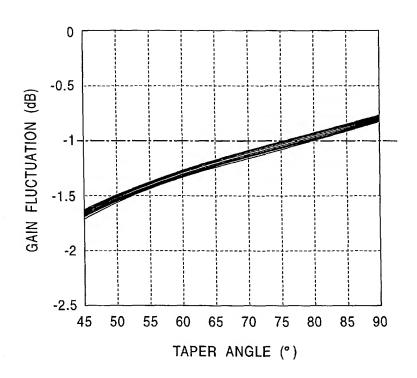


FIG. 7

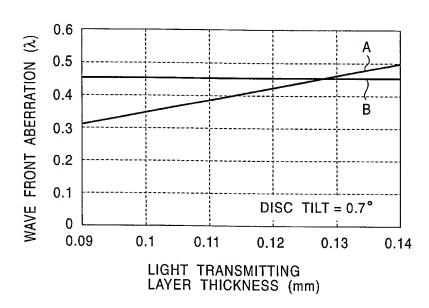


FIG. 8A

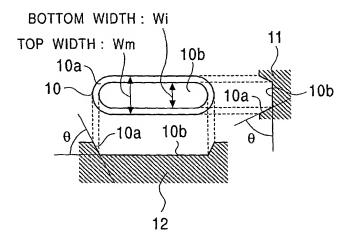


FIG. 8B

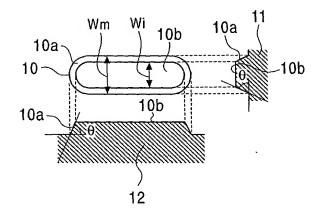


FIG. 9A

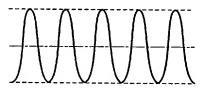


FIG. 9B

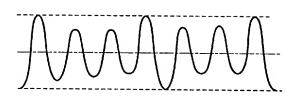


FIG. 10

